

6431

Epoxy Adhesive

Low Stress and Shrinkage, High Elasticity, Thermal Shock Resistance

UNCURED PROPERTIES		
Product	6431-A	6431-B
Appearance	Liquid	
Color	Black	Amber
Viscosity, cP @25°C	300 - 500	600 – 1,000
CURING PROPERTIES		
Mix Rate, (A:B) By Weight	1 : 1	
Pot Life, 25°C, hr	4 - 6	
Surface Dry Time, 25°C, hr	24	
Cure Time, @25°C, days	5 - 7	
Cure Time, @80°C, hr	2	
CURED MECHANICAL PROPERTIES		
Glass Transition Temperature, °C	7	
Hardness, Shore A	48	
Water Absorption, 24hr, %	1.53	
Degradation Temp, (TGA, 10°C/min) °C	230	
Volume Resistivity, ohm-cm	3.5×10^{12}	
Surface Resistivity, ohm	5.2×10^{14}	
Dielectric Constant, 100Hz	4.1	

General Information

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Storage and Shelf Life

Store product in a cool, dark place when not in use. This product has a one year minimum shelf life after date of manufacture, unless otherwise specified, when stored at 60-80°F (16-27°C) in original, unopened containers.

Certification / Recognition

RoHs Complaint: INCURE 6431 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

Note

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